

WHAT IS CLAIMED IS:

1. A pedal dustbin with two lids, comprising
  - 5 a container body for holding waste therein;
  - a pedal pivoted to a lower portion of the container body;
  - a pivotal rod pivoted to a rear edge of an upper end of the container body;
  - a first lid securely connected to the pivotal rod for covering an
  - 10 upper opening of the container body with; the first lid having an opening thereon, and two parallel rails on two sides of the opening thereof; the first lid having a post projecting downwards from a lower side thereof;
  - a second lid linearly displaceably fitted to the rails of the first lid for covering the opening of the first lid with;
  - 15 an actuating rod pivoted to the post of the first lid at a portion between first and second ends thereof;
  - a connecting element pivoted to the second lid and the first end of the actuating rod at two ends thereof such that angular displacement of the actuating rod will cause linear movement of the second lid along the
  - 20 rails of the first lid;
  - a first elastic element positioned around the post, and secured to the actuating rod and the first lid at two ends thereof for biasing the actuating rod back to an original position when an external force

disappears that has been exerted on the actuating rod to angularly displace same; the second lid being over the opening of the first lid when the actuating rod is in the original position;

a holding tube securely fitted on the container body; the holding  
5 tube having openings at upper and lower ends thereof;

a slide confined in, and movable along the holding tube;

a first covering body securely connected to the container body and  
the lower end of the holding tube at two ends thereof;

a first pulling rope passed through both the covering body and the  
10 lower opening of the holding tube; the first pulling rope being connected  
to the pedal at a lower end, and the slide at an upper end such that the  
first pulling rope will be pulled, and the slide moved downwards when  
the pedal is depressed;

a second covering body securely connected to the upper end of the  
15 holding tube at a first end thereof; second covering body having a second  
end;

a second pulling rope passed through the second covering body  
and the upper opening of the holding tube; the second pulling rope being  
connected to the slide at a lower end, and connected to the second end of  
20 the actuating rod at an upper end thereof such that the second lid will be  
opened as soon as the pedal is depressed;

a third covering body securely connected to the upper end of the  
holding tube at a lower end, and secured on the container body;

a third pulling rope passed through the third covering body, the upper opening of the holding tube, and the slide; the third pulling rope having a stopping block under the slide and securely connected to a lower end thereof; the third pulling rope being connected to the pivotal  
5 rod at an upper end thereof such that the pivotal rod will be angularly displaced, and the first lid opened when the third pulling rope is pulled downwards; the stopping block being a distance away from the slide when there is no external force being exerted on the pedal to depress same, therefore the third pulling rope won't be pulled downwards, and  
10 the first lid won't be opened until the pedal is depressed to such a position that the slide comes into contact with the stopping block for allowing both the stopping block and the third pulling rope to be pulled downwards together with it.

2. The pedal dustbin as claimed in claim 1, wherein an adjustment  
15 mechanism is fitted on the first lid, and the second pulling rope is passed through the adjustment mechanism after having been passed through the second covering body; the adjustment mechanism including:

a fixed part having a through hole for the second pulling rope to be passed through, and an inner threaded portion; the fixed part being  
20 securely connected to the second end of the second covering body; and

a stopping part having a through hole for the second pulling rope to be passed through, and an outer threaded portion; the stopping part being connected to the fixed part with the outer threaded portion thereof

being connected to the inner threaded portion, and with the through holes being aligned with each other;

thereby being adjustable in length thereof for suiting length of the second pulling rope by means of angularly displacing the stopping part relative to the fixed part.

3. The pedal dustbin as claimed in claim 2, wherein a second elastic element is positioned between the stopping part of the adjustment mechanism and the upper end of the second pulling rope.

4. The pedal dustbin as claimed in claim 1, wherein an adjustment mechanism is fitted on the container body, and the third pulling rope is passed through the adjustment mechanism after having been passed through the third covering body; the adjustment mechanism including:

a fixed part having a through hole for the third pulling rope to be passed through, and an inner threaded portion; the fixed part being securely connected to other end of the third covering body; and

a stopping part having a through hole for the third pulling rope to be passed through, and an outer threaded portion; the stopping part being connected to the fixed part with the outer threaded portion thereof being connected to the inner threaded portion, and with the through holes being aligned with each other;

thereby being adjustable in length thereof for suiting length of the third pulling rope by means of angularly displacing the stopping part relative to the fixed part.

5. The pedal dustbin as claimed in claim 4, wherein a third elastic element is engaged with the adjustment mechanism and the pivotal rod at two ends thereof.

6. The pedal dustbin as claimed in claim 1, wherein an elastic  
5 element is connected to the pedal and the container body at two ends thereof.

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